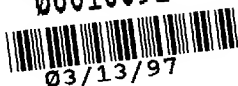


65705 U.S. PTO

08816891



03/13/97

86987 U.S. PTO



03/13/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 503.32492VX1
Prior Appln. Ser. No.: 08/139,904
Filed: October 22, 1993
Examiner: C. Nguyen
Group: 2609

Assistant Commissioner for Patents
Box FWC
Washington, D.C. 20231

March 13, 1997

Sir:

This is a request for filing a file-wrapper divisional application under 37 CFR 1.62 of prior application Serial No. 08/139,904 filed on October 22, 1993, entitled MATRIX DISPLAY APPARATUS AND A DRIVING METHOD THEREOF (as originally filed) and MATRIX PANEL DISPLAY APPARATUS AND DRIVING METHOD THEREFOR WHEREIN AUXILIARY SIGNALS ARE APPLIED TO NON-SELECTED PICTURE ELEMENTS (as amended) by the following inventors:

Inventor:
City of Residence:
State or Foreign Country:
Country of Citizenship:
Post Office Address:

Masayuki OTA
Katsuta-shi, Ibaraki 312
Japan
Japan
1-103, 612, Horiguchi
Katsuta-shi, Ibaraki 312
Japan

Inventor:
City of Residence:
State or Foreign Country:
Country of Citizenship:
Post Office Address:

Makoto TSUMURA
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Japan
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16-1, Mikanohara-cho 1-chome
Hitachi-shi, Ibaraki 317
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Inventor:
City of Residence:
State or Foreign Country:
Country of Citizenship:
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989-3, Isobe-cho
Hitachi Ota-shi, Ibaraki 313
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Inventor:
City of Residence:
State or Foreign Country:
Country of Citizenship:
Post Office Address:

Yasuyuki MISHIMA
Hitachi-shi, Ibaraki 316
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301, Yuho-ryo, 20-3, Ayukawa-cho
6-chome
Hitachi-shi, Ibaraki 316
Japan

Inventor: Naofumi KAKEHI
 City of Residence: Hitachi-shi, Ibaraki 316
 State or Foreign Country: Japan
 Country of Citizenship: Japan
 Post Office Address: 314, Yuho-ryo, 20-3, Ayukawa-cho
 6-chome
 Hitachi-shi, Ibaraki 316
 Japan

The above-identified prior application, in which no payment of the issue fee, abandonment, or termination of proceedings has occurred, is hereby expressly abandoned as of the filing date of this new application. Please use all of the contents of the prior application file wrapper, including the drawings, as the basic papers for the new application.

1. ☐ Enter the amendment previously filed on -- under 37 CFR 1.116, but unentered, in prior application Serial No. -- filed on --.

2. ☒ A preliminary amendment is enclosed.

The filing fee is calculated on the basis of the claims existing in the prior application as amended at 1 and 2 above:

<u>For</u>	<u>Number Filed</u>	<u>Number Extra</u>	<u>Rate</u>	<u>Basic Fee</u> \$770.00
Total Claims:	33 - 20 =	13	x \$22.00 =	286.00
Independent Claims:	2 - 3 =	0	x \$80.00 =	0.00
Multiple Dependency Fee (if applicable):			+ \$260.00 =	260.00

Total Filing Fee: \$1,316.00

3. ☒ The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required in connection with this application, or credit any overpayment, to Deposit Account No. 01-2135 (503.32492VX1). A duplicate copy of this request is attached hereto.

4. ☒ A check for \$1,316.00 is enclosed.

5. ☐ A new oath or declaration is included since this application is a continuation-in-part which discloses and claims additional matter.

6. [X] Amend the specification by inserting the following section between lines 1 and 2 on page 1:

--Cross-Reference to Related Application

This is a division of application Serial No.

08/139,904 filed on October 22, 1993.--

7. [] A verified statement claiming small entity status is enclosed.

8. [X] Priority is claimed under 35 USC 119 based on the following applications filed in Japan:

No. 4-291125 filed on October 29, 1992

No. 5-48981 filed on March 10, 1993

- 8a. [X] Certified copies of the priority applications were filed on October 22, 1993, in prior application Serial No. 08/139,904 filed on October 22, 1993.

9. [] The prior application is assigned of record to

--

- 9a. [] The assignment was filed for recording on --, in prior application -- filed on --, and was recorded on Reel -- at Frame --.

10. [X] The power of attorney in the prior application is to:

Donald R. Antonelli, Reg. No. 20,296;
David T. Terry, Reg. No. 20,178;
Melvin Kraus, Reg. No. 22,466;
Stanley A. Wal, Reg. No. 26,432;
William I. Solomon, Reg. No. 28,565
Gregory E. Montone, Reg. No. 28,141;
Ronald J. Shore, Reg. No. 28,577;
Donald E. Stout, Reg. No. 26,422;
Alan E. Schiavelli, Reg. No. 32,087; and
James N. Dresser, Reg No. 22,973.

11. [X] Address all future communications in connection with this application to:

Antonelli, Terry, Stout & Kraus, LLP
Suite 1800
1300 North Seventeenth Street
Arlington, VA 22209

(703) 312-6600 (telephone)
(703) 312-6666 (facsimile)

12. [] Also enclosed:

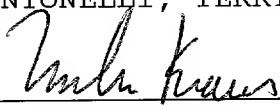
It is understood that secrecy under 35 USC 122 is hereby waived to the extent that if information or access is available to any one of the applications in the file wrapper of a 37 CFR 1.62 application, be it either this application or a prior application in the same file wrapper, the Patent and Trademark Office may provide similar information or access to all the other applications in the same file wrapper.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136 in parent application Serial No. 08/139,904 filed on October 22, 1993. Please charge any shortage in fees due in connection with the filing of this Rule 62 divisional application, including extension of time fees in the parent application, to Deposit Account No. 01-2135 (503.32492VX1), and please credit any excess fees thereto.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

Date: March 13, 1997


Melvin Kraus
Registration No. 22,466

MK/RSS:pc
(703) 312-6600

Attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 503.32492VX1
Prior Appln. Ser. No.: 08/139,904
Filed: October 22, 1993
Examiner: C. Nguyen
Group: 2609

Assistant Commissioner for Patents
Box FWC
Washington, D.C. 20231

March 13, 1997

Sir:

This is a request for filing a file-wrapper divisional application under 37 CFR 1.62 of prior application Serial No. 08/139,904 filed on October 22, 1993, entitled MATRIX DISPLAY APPARATUS AND A DRIVING METHOD THEREOF (as originally filed) and MATRIX PANEL DISPLAY APPARATUS AND DRIVING METHOD THEREFOR WHEREIN AUXILIARY SIGNALS ARE APPLIED TO NON-SELECTED PICTURE ELEMENTS (as amended) by the following inventors:

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State or Foreign Country: Japan
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Japan

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Country of Citizenship: Japan
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Hitachi-shi, Ibaraki 316
Japan

08816891-031397

Inventor: Naofumi KAKEHI
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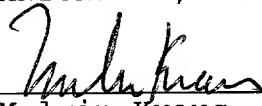
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Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

Date: March 13, 1997



Melvin Kraus
Registration No. 22,466

MK/RSS:pc
(703) 312-6600

Attachments

503.32492VX1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: M. OTA et al.
Serial No.: Not Yet Assigned
Filed: Even Date Herewith
For: MATRIX PANEL DISPLAY APPARATUS AND DRIVING
METHOD THEREFOR WHEREIN AUXILIARY SIGNALS
ARE APPLIED TO NON-SELECTED PICTURE
ELEMENTS
Group: 2609 (Anticipated)
Examiner: C. Nguyen (Anticipated)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

March 13, 1997

Sir:

Prior to examination, please amend the above-identified
Rule 62 divisional application submitted herewith as follows.

IN THE CLAIMS

Please cancel claims 1-5 and 7-16 without prejudice or
disclaimer of the subject matter thereof.

REMARKS

Claims 1-5 and 7-16 have been cancelled. Claims 17-34
are pending, with claims 17 and 34 being independent.

In the Office Action of November 13, 1996, issued in
application Serial No. 08/139,904, the parent application of
the present Rule 62 divisional application, the Examiner

required a substitute specification. A substitute specification will be submitted at a later date.

In the Office Action of February 5, 1996, issued in parent application Serial No. 08/139,904, the Examiner indicated that he was of the opinion that the parent application contained claims directed to the following six patentably distinct species of the claimed invention:

- A. Species of Fig. 4
- B. Species of Fig. 5
- C. Species of Fig. 14
- D. Species of Fig. 17
- E. Species of Fig. 22
- F. Species of Fig. 24

The Examiner required the applicants to elect one of these six species for prosecution on the merits, and indicated that he was of the opinion that no claim was generic.

In the response of March 1, 1996, filed in parent application Serial No. 08/139,904, the applicants traversed the requirement for an election of species, but provisionally elected with traverse species A for prosecution on the merits, with claims 1-16 being readable thereon.

In the Office Action of May 15, 1996, issued in parent application Serial No. 08/139,904, the Examiner maintained the requirement for an election of species and withdrew claims 17-34 from consideration, stating:

Applicant's election with traverse of the invention elected in Paper No. 10 is acknowledged. The traversal is on the ground(s) that applicant considered that no other patentably distinct species is considered to be present by Examiner. This is not found persuasive because claims 17-34 are directed to twelfth embodiment (figure 22) of this instant

application. The requirement is still deemed proper.

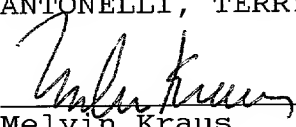
Claims 17-34 are withdrawn from further consideration by the examiner, 37 C.F.R. § 1.142(b), as being drawn to a non-elected species, the requirement having been traversed in Paper No. 10.

The applicants hereby expressly withdraw their election of species A in parent application Serial No. 08/139,904 insofar as the election may be deemed to be applicable to the present Rule 62 divisional application, and by the present amendment the applicants have cancelled claims 1-5 and 7-16, which are all of the remaining claims which were readable on species A. The only claims which are now pending in the present Rule 62 divisional application are claims 17-34.

Please charge any shortage in fees due in connection with the filing of this paper, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (503.32492VX1).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Melvin Kraus
Registration No. 22,466

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(703) 312-6600